

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51482	maxim\$4 adj2 rate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:43
L2	35652	power near2 total	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:37
L3	119	1 same 2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:37
L4	38537	power adj2 (distribut\$4 bubget)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:38
L5	40240	power adj2 (distribut\$4 budget)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:38
L6	2	3 same 5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:38
L7	2038	(identif\$4 determin\$4) near3 maxim\$4 adj2 rate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:44
L8	4	2 same 7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:44
L9	1026	5 same 2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:45
L10	77	1 and 9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:45
L11	14237932	(@ad<="20030808" @rlad<="20030808" @prad<="20030808")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:45
L12	69	10 and 11	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:46
L13	194591	"455"/\$.ccls. "370"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:46
L14	24	12 and 13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:46

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S25 0	476	subset with (subcarrier sub-carrier multi-carrier multicarrier sub-band subband)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:15
S25 1	550698	threshold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:27
S25 2	1964	power near2 budget	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:15
S25 3	67	S251 same S252	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:12
S25 4	2	S250 and S253	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:12
S25 5	33363	(subcarrier sub-carrier multi-carrier multicarrier sub-band subband)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:26
S25 6	2	S253 and S255	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:15
S25 7	6727	sub-channel sub adj2 channel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:16
S25 8	0	S253 and S257	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:17
S25 9	9113	S251 and S255	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:17
S26 0	66	S252 and S259	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:17
S26 1	14237932	(@ad<="20030808" @rlad<="20030808" @prad<="20030808")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:51
S26 2	56	S260 and S261	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:18
S26 3	1	underperform\$6 adj2 (subcarrier sub-carrier multi-carrier multicarrier sub-band subband sub-channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:28
S26 4	563674	threshold snr	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:14

## EAST Search History

S26 5	1	S263 same S264	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:27
S26 6	19	bad adj2 (subcarrier sub-carrier multi-carrier multicarrier sub-band subband sub-channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:07
S26 7	14	S264 and S266	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:28
S26 8	11	S261 and S267	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:51
S26 9	2	S252 and S268	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:51
S27 0	91	S252 same S264	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:52
S27 1	2	S266 and S270	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 15:52
S27 2	9	S270 and (subcarrier sub-carrier multi-carrier multicarrier sub-band subband sub-channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:15
S27 3	7034	fail\$4 near4 (threshold snr )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:15
S27 4	26	S273 same (subcarrier sub-carrier multi-carrier multicarrier sub-band subband sub-channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:50
S27 5	23	S261 and S274	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:15
S27 6	1	S252 and S275	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:16
S27 7	17	S275 and power	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:16
S27 8	36	S252 same (subcarrier sub-carrier multi-carrier multicarrier sub-band subband sub-channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 16:50
S27 9	27	S278 and (@ad<="20030808" @rlad<="20030808" @prad<="20030808")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:01

## EAST Search History

S28 0	65847	(identif\$5 determin\$4 calculat\$4) same (below near4 (threshold level))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:03
S28 1	3260	(de-activat\$4 deactivat\$4 ) near4 (channel frequency carrier)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:10
S28 2	11	S280 same S281	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:11
S28 3	173650	(de-activat\$4 deactivat\$4 )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:10
S28 4	675	S280 same S283	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:11
S28 5	30	S284 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:34
S28 6	6	(power adj budget) same ((good bad noisy clear) near4 (channel frequency))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:40
S28 7	22	(power adj distribution) same ((good bad noisy clear) near4 (channel frequency))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:41
S28 8	0	S287 same (deactivat\$3 de-activat\$3 disabl\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:42
S28 9	0	S287 and (deactivat\$3 de-activat\$3 disabl\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 17:42
S29 0	67352	power near5 (distribut\$3 budget)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 23:27
S29 1	106329	(fail below) near4 (snr threshold)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 23:30
S29 2	1255429	subcarrier sub-carrier subchannel sub-channel channel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 23:30
S29 3	8083	S292 same S291	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 23:30
S29 4	23	S290 same S293	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 23:31

## EAST Search History

S29 5	14237932	(@ad<="20030808" @riad<="20030808" @prad<="20030808")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 23:31
S29 6	20	S294 and S295	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/28 23:31
S29 7	10	("5056109"   "5210771"   "5265119"   "5406593"   "5799005"   "5903554"   "6097972"   "6167031"   "6442151"   "6751187").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 23:46
S29 8	12	("5056109"   "5210771"   "5265119"   "5625876"   "5799005"   "5903554"   "6038450"   "6097972"   "6144646"   "6167031"   "6205190"   "6442214").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 23:50
S29 9	2	S290 and S298	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 23:50
S30 0	1255429	subcarrier sub-carrier subchannel sub-channel channel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:07
S30 1	18481	act\$3 adj2 (subcarrier sub-carrier subchannel sub-channel channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 08:39
S30 2	67352	power near5 (distribut\$3 budget)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 08:40
S30 3	38	S301 same S302	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:06
S30 4	1	"20030043732"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:06
S30 5	0	sort\$4 and S304	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:07
S30 6	1309	sort\$4 adj3 (subcarrier sub-carrier subchannel sub-channel channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 11:17
S30 7	2	S302 same S306	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:08
S30 8	101533	(fail below under) adj4 threshold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:09
S30 9	9	S306 same S308	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:43

## EAST Search History

S31 0	1	S304 and (quality)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 09:45
S31 1	1	S304 and ber	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 10:50
S31 2	0	S304 and dipole	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 10:50
S31 3	8022	dipole adj2 antenna	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 10:51
S31 4	41	S302 same S313	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 10:51
S31 5	103918	"455"/\$.cccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 10:51
S31 6	5	S314 and S315	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 10:52
S31 7	99965	"370"/\$.cccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 10:53
S31 8	2	S314 and S317	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 11:19
S31 9	3077	(interferenc\$3 noise) near4 power near4 (subcarrier sub-carrier subchannel sub-channel channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 11:18
S32 0	48	S308 same S319	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 11:18
S32 1	14237932	(@ad<="20030808" @rlad<="20030808" @prad<="20030808")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 11:19
S32 2	42	S320 and S321	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 11:20
S32 3	3	S302 and S322	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/29 15:36